

California OES Weather Threat Briefing

Thursday, August 5, 2021
9:00 AM PDT

Day 1 (Thursday): Critical fire weather conditions are expected across much of northeast California this afternoon and evening with gusty winds and low humidity. Hot temperatures and moderate heat risk impacts continue for much of interior southern California as well.

National Weather Service

*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

08/05/21 - 08/11/21

Thursday-Friday

- Dry weather is expected for the majority of the state, though a few isolated dry thunderstorms could occur across far northern California Thursday.
- Critical fire weather conditions are likely for much of northeast California, including the northern Sacramento Valley and northern Sierra through Thursday due to gusty winds up to 35 mph and low humidity levels
 - Any new or existing fires could spread more quickly with these expected conditions
 - Isolated dry thunderstorms are possible over far northern California today as well
 - Elevated to briefly near-critical fire weather conditions are also possible across the central and southern Sierra as well as southern California mountains and nearby valleys today with gusty winds of 25 to 35 mph.
- Hot temperatures will continue across much of interior southern California through Thursday
 - High to locally very high heat risk impacts are expected over interior portions of southern California today, with readings of 105 to 120 degrees, especially across the deserts.

Saturday-Wednesday

- Cooler temperatures make a return to most of the state through the weekend and early next week, though with a brief day of hotter temperatures of 100 to 105 degrees for the Central Valley Saturday
- Fire weather conditions remain elevated each afternoon for the mountains and foothills due to locally gusty winds, though widespread fire weather conditions are not expected
- Some monsoon moisture could make a return to southern California by late in the weekend or early next week, though the exact timing or coverage of any showers and storms remains quite uncertain



CALIFORNIA WEATHER IMPACTS

08/05/21 - 08/11/21

<u>Hazards / Day</u>	THU	FRI	SAT	SUN	MON	TUE	WED
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)				Southern	Southern	Southern	Southern
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heat Risk	Southern	Southern					
Heavy Rain/Flash Flooding/ Debris Flow							
Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

PRECIPITATION FORECAST

08/05/21 - 08/07/21

No significant rainfall is expected across the state through Saturday

Precipitation (inches)



WEATHER OUTLOOK

08/10/21 - 08/18/21

6-10 Day Outlook (August 10 – August 14)

Temperatures

- Above normal temperatures are favored across California, with near normal temperatures favored for far southeastern California

Precipitation

- Below normal precipitation is favored for eastern California, with near normal precipitation favored for the remainder of the state

8-14 Day Outlook (August 12 – August 18)

Temperatures

- Above normal temperatures are favored for the entire state

Precipitation

- Below normal precipitation is favored for northern and eastern California, with near normal precipitation favored for the remainder of the state



Information provided by:

**National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT**

Phone: (801) 524-7907

E-mail: wr.roc@noaa.gov

Web: <http://www.wrh.noaa.gov>

